

**COMMENTS ON CALFED WATER QUALITY PROGRAM  
COMPONENT REPORT DRAFT DATED AUGUST 1997  
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- Page E-5     The paragraph on agriculture, the correct spelling is "sodium adsorption ratios." I noticed this appears elsewhere in the document, i.e., page 3-9.
- Section 4     The Section 4 on Sources and Loadings of Parameters is one of the most significant sections of the report. Table 4-1 indicates significant bromide loadings from the San Joaquin Basin. (It is hard to determine on my copy that this is from San Joaquin Basin or the Bay Region.) It would be useful to identify the location, i.e., Vernalis.
- Table 4-6     Selenium Loadings. It would be useful to identify where in the San Joaquin Basin this loading is calculated. I assume it is at Vernalis.
- Table 4-8     Total Dissolved Solids Loadings. The table indicates that approximately one million tons ( $2 \times 10^9$  pounds) are discharged from the San Joaquin Basin. Again, the location would be useful. It is useful to compare the fact that the discharge from the Grassland Drainage Area in water year 1997 was approximately 150,000 tons and the discharge from Mud and Salt Slough was approximately 500,000 tons. Obviously those are

significant inputs but there are significant others also.

Page 6-5      Agricultural Drainage. Listed are programs, practices and regulations that influence agricultural drainage water quality. I think a couple of additions would be the Grassland Bypass Project implemented by the San Luis & Delta-Mendota Water Authority and the Sacramento/San Joaquin River Basin Plan issued by the Central Valley Regional Water Quality Control Board.

Page 7-3      San Joaquin Basin. The first statement of the paragraph indicates that the drainage discharged to the San Joaquin River from the Grasslands area are perhaps the "most significant" cause of water quality problems (quote added). I think probably as I mentioned above there are other discharges especially related to salinity. Possibly it would be more accurate to eliminate the word "most" or change the wording so that one does not think that all of the salinity, in particular at Vernalis, is created in the Grassland Area.

Page 7-9      Agricultural Drainage. The action reads reduce the "toxic" effects of selenium loadings to the lower San Joaquin River. Certainly at certain concentrations selenium is toxic but it is not at all clear that the current loadings to the Lower San Joaquin River cause "toxic" concentrations.